



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: ☒ The ACM Digital Library ☐ The Guide


 Searching within **The ACM Digital Library** for: "directed acyclic" "configure" "part" ([start a new search](#))
Found **63** of **247,025****REFINE YOUR SEARCH**

Search Results

[Related Journals](#)[Related SIGs](#)[Related Conferences](#)

Results 1 - 20 of 63

Sort by in
[Save results to a Binder](#)
Result page: [1](#) [2](#) [3](#) [4](#) [next](#)

1 [X-GTRBAC: an XML-based policy specification framework and architecture for enterprise-wide access control](#)

[Rafae Bhatti, Arif Ghafoor, Elisa Bertino, James B. D. Joshi](#)
May 2005 **Transactions on Information and System Security (TISSEC)**, Volume 8**Publisher:** ACM
 Full text available: [Pdf](#) (1.60 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [terms](#), [review](#)
Bibliometrics: Downloads (6 Weeks): 46, Downloads (12 Months): 215, Citation Count: 9

Modern day enterprises exhibit a growing trend toward adoption of enterprise comp services for efficient resource utilization, scalability, and flexibility. These environme are characterized by heterogeneous, distributed computing systems exchanging ...

Keyw ords: XML, role-based access control, secure enterprises

2 [Version models for software configuration management](#)

[Reidar Conradi, Bernhard Westfechtel](#)
June 1998 **Computing Surveys (CSUR)**, Volume 30 Issue 2**Publisher:** ACM
 Full text available: [Pdf](#) (483.54 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [terms](#)
Bibliometrics: Downloads (6 Weeks): 107, Downloads (12 Months): 836, Citation Count: 65

After more than 20 years of research and practice in software configuration manage (SCM), constructing consistent configurations of versioned software products still re a challenge. This article focuses on the version models underlying both ...

Keyw ords: changes, configuration rules, configurations, revisions, variants, versior

3 [Computer graphics teaching support using X3D: extensible 3D graphics for wei authors](#)

[Don Brutzman](#)
December 2008 **SIGGRAPH Asia '08: SIGGRAPH ASIA 2008 courses****Publisher:** ACM
 Full text available: [Pdf](#) (14.26 MB) Additional Information: [full citation](#), [abstract](#), [references](#)
Bibliometrics: Downloads (6 Weeks): 36, Downloads (12 Months): 36, Citation Count: 0

X3D is the ISO-standard scene-graph language for interactive 3D graphics on the W new course is available for teaching the fundamentals of 3D graphics using Extensib (X3D). Resources include a detailed textbook, an authoring tool, hundreds ...

ADVANCED SEARCH
[Advanced Search](#)
FEEDBACK

Please provide us with feedback

Found **63** of **247,025**

Keywords: 2D and 3D modeling, interactive techniques, scene graphs, virtual reality web graphics

4 [Dynamic allocation for scratch-pad memory using compile-time decisions](#)

 Sumesh Udayakumaran, Angel Dominguez, Rajeev Barua

May 2006 **Transactions on Embedded Computing Systems (TECS)**, Volume 5 Issue :

Publisher: ACM


Full text available:  Pdf (1.10 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index ter](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 187, Citation Count: 9

In this research, we propose a highly predictable, low overhead, and, yet, dynamic, memory-allocation strategy for embedded systems with scratch pad memory. A *scr. pad* is a fast compiler-managed SRAM memory that replaces the hardware-managed

Keywords: Memory allocation, compiler, embedded systems, scratch pad, software caching, software-managed cache

5 [Dominator-tree analysis for distributed authorization](#)

 Miranda Mowbray, Antonio Lain

June 2008 **PLAS '08: Proceedings of the third ACM SIGPLAN workshop on Programming languages and analysis for security**

Publisher: ACM


Full text available:  Pdf (278.96 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index ter](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 60, Citation Count: 0

Practical analysis tools for distributed authorization need to answer quickly and accurately the question: who can access this resource? DAP (Delegation with Acyclic Paths) is a distributed authorization framework (introduced in [17]) that tries to inter-operate.


Keywords: access control, distributed authorization, dominator tree

6 [A dynamic network architecture](#)

 Sean W. O'Malley, Larry L. Peterson

May 1992 **Transactions on Computer Systems (TOCS)**, Volume 10 Issue 2

Publisher: ACM


Full text available:  Pdf (401.43 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 155, Citation Count: 48

Network software is a critical component of any distributed system. Because of its complexity, network software is commonly layered into a hierarchy of protocols, or generally, into a protocol graph. Typical protocol graphs—including ...


Keywords: composability, dynamic configuration, reuse

7 [Quickly finding near-optimal storage designs](#)

 Eric Anderson, Susan Spence, Ram Swaminathan, Mahesh Kallahalla, Qian Wang

November 2005 **Transactions on Computer Systems (TOCS)**, Volume 23 Issue 4


Publisher: ACM

Full text available:  Pdf (661.43 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index ter](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 27, Downloads (12 Months): 108, Citation Count: 7


Despite the importance of storage in enterprise computer systems, there are few adequate tools to design and configure a storage system to meet application data requirements efficiently. Storage system design involves choosing the disk arrays to ...

8 [Compiling to a VLIW fragment pipeline](#)

 William R. Mark, Kekoa Proudfoot

August 2001 **HWWS '01**: Proceedings of the ACM SIGGRAPH/EUROGRAPHICS workshop on Graphics hardware


Publisher: ACM

Full text available:  [Pdf](#) (144.85 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 34, Citation Count: 4

The latest generation of graphics hardware supports fully programmable vertex and pixel/fragment operations, but programming this hardware at a low level is difficult time consuming. To address this problem, we have developed a complete real-time

9 [Reliability as an interdomain service](#)

 Hao Wang, Yang Richard Yang, Paul H. Liu, Jia Wang, Alexandre Gerber, Albert Green

August 2007 **SIGCOMM '07**: Proceedings of the 2007 conference on Applications, technologies, architectures, and protocols for computer communications

Publisher: ACM

Full text available:  [Pdf](#) (415.06 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index ter](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 136, Citation Count: 2

Reliability is a critical requirement of the Internet. The availability and resilience of the Internet under failures can have significant global effects. However, in the current Internet routing architecture, achieving the high level of reliability ...

Keywords: fast rerouting, reliability, traffic engineering

Also published in:

October 2007 **SIGCOMM Computer Communication Review** Volume 37 Issue 4

10 [Router plugins: a software architecture for next-generation routers](#)

Dan Decasper, Zubin Dittia, Guru Parulkar, Bernhard Plattner

February 2000 **IEEE/ ACM Transactions on Networking (TON)**, Volume 8 Issue 1


Publisher: IEEE Press

Full text available:  [Pdf](#) (530.34 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index ter](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 82, Citation Count: 8


Keywords: communication system routing, communication system security, internal modular computer systems

11 [A real-time procedural shading system for programmable graphics hardware](#)

 Kekoa Proudfoot, William R. Mark, Svetoslav Tzvetkov, Pat Hanrahan

August 2001 **SIGGRAPH '01**: Proceedings of the 28th annual conference on Computer graphics and interactive techniques

Publisher: ACM

Full text available:  [Pdf](#) (1.20 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 130, Citation Count: 49

Real-time graphics hardware is becoming programmable, but this programmable hardware is complex and difficult to use given current APIs. Higher-level abstraction would both increase programmer productivity and make programs more portable. However, it ...


Keywords: graphics hardware, graphics systems, rendering, shading languages

12 [Impact of software engineering research on the practice of software configuration management](#)

 [Jacky Estublier](#), [David Leblang](#), [André van der Hoek](#), [Reidar Conradi](#), [Geoffrey Ciemm](#), [Walter Tichy](#), [Darcy Wiborg-Weber](#)
October 2005 **Transactions on Software Engineering and Methodology (TOSEM)**

Volume 14 Issue 4

Publisher: ACM

Full text available:  [Pdf](#) (350.59 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 98, Downloads (12 Months): 1021, Citation Count: 11

Software Configuration Management (SCM) is an important discipline in professional software development and maintenance. The importance of SCM has increased as programs have become larger, more long lasting, and more mission and life critical. article ...

Keywords: Versioning, data model, process support, research impact, software configuration management, software engineering, workspace management

13 [VMPlants: Providing and Managing Virtual Machine Execution Environments for Computing](#)


[Ivan Krsul](#), [Arijit Ganguly](#), [Jian Zhang](#), [Jose A. B. Fortes](#), [Renato J. Figueiredo](#)
November 2004 **SC '04: Proceedings of the 2004 ACM/IEEE conference on Supercomputing**
Publisher: IEEE Computer Society

Full text available:  [Pdf](#) (207.42 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 135, Citation Count: 17

Virtual machines provide flexible, powerful execution environments for Grid computing offering isolation and security mechanisms complementary to operating systems, customization and encapsulation of entire application environments, and support for

14 [Towards execution time estimation in abstract machine-based languages](#)

 [E. Mera](#), [P. Lopez](#), [M. Carro](#), [M. Hermenegildo](#)
July 2008 **PPDP '08: Proceedings of the 10th international ACM SIGPLAN conference on Principles and practice of declarative programming**

Publisher: ACM

Full text available:  [Pdf](#) (324.07 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index term](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 25, Citation Count: 0

Abstract machines provide a certain separation between platform-dependent and platform-independent concerns in compilation. Many of the differences between architectures are encapsulated in the specific abstract machine implementation and bytecode ...

Keywords: cost analysis, cost models, execution time estimation, logic programming profiling, resource awareness

15 [A lightweight approach to transparent sharing of familiar single-user editors](#)

 [Du Li](#), [Jiajun Lu](#)

November 2006 **CSCW '06: Proceedings of the 2006 20th anniversary conference on Computer supported cooperative work**

Publisher: ACM

Full text available:  [Pdf](#) (741.51 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index ter](#)

Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 104, Citation Count: 2

Special-purpose group editors remain underused despite significant work over the past two decades. This paper proposes a novel approach to transparently adapting familiar single-user editors for group editing without modifying their source code. It only ...

Keywords: application sharing, collaboration transparency, collaborative systems, editors, transparent adaptation

16 [Perfecto: A systemic-based design-space exploration framework for dynamically reconfigurable architectures](#)



[Pao-Ann Hsiung](#), [Chao-Sheng Lin](#), [Chih-Feng Liao](#)

September 2008 **Transactions on Reconfigurable Technology and Systems (TRETS)** Volume 1 Issue 3

Publisher: ACM

Full text available:  [Pdf](#) (3.72 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index ter](#)

Bibliometrics: Downloads (6 Weeks): 56, Downloads (12 Months): 213, Citation Count: 0

To cope with increasing demands for higher computational power and greater system flexibility, dynamically and partially reconfigurable logic has started to play an important role in embedded systems and systems-on-chip (SoC). However, when using traditional

Keywords: Reconfigurable systems, design-space exploration, partitioning, performance evaluation, placement, scheduling

17 [Temporal floorplanning using the three-dimensional transitive closure subGraph](#)



[Ping-Hung Yuh](#), [Chia-Lin Yang](#), [Yao-Wen Chang](#)

September 2007 **Transactions on Design Automation of Electronic Systems (TODAES)**, Volume 12 Issue 4

Publisher: ACM

Full text available:  [Pdf](#) (1.57 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index ter](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 72, Citation Count: 0

Improving logic capacity by time-sharing, dynamically reconfigurable Field Gate Programmable Arrays (FPGAs) are employed to handle designs of high complexity and functionality. In this paper, we use a novel graph-based topological floorplan representation, ...

Keywords: Reconfigurable computing, partially dynamical reconfiguration, temporal floorplanning

18 [Value complete, column complete, predicate complete](#)

[Theo Härder](#), [Andreas Böhmann](#)

July 2008 **The VLDB Journal — The International Journal on Very Large Data Bases** Volume 17 Issue 4

Publisher: Springer-Verlag New York, Inc.


Full text available:  [Pdf](#) (740.59 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index ter](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 29, Citation Count: 0

Caching is a proven remedy to enhance scalability and availability of software system well as to reduce latency of user requests. In contrast to Web caching where single objects are accessed and kept ready somewhere in caches in the user-to-server ...

Keywords: Cache constraints, Database caching, Predicate completeness, Query processing

19 [Ontology evolution as reconfiguration-design problem solving](#)

 [Ljiljana Stojanovic](#), [Alexander Maedche](#), [Nenad Stojanovic](#), [Rudi Studer](#)

October 2003 **K-CAP '03**: Proceedings of the 2nd international conference on Knowledge capture

Publisher: ACM


Full text available:  [Pdf](#) (352.76 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index ter](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 85, Citation Count: 2

In this paper we present an approach to model ontology evolution as reconfiguration design problem solving. The problem is reduced to a graph search where the nodes evolving ontologies and the edges represent the changes that transform the source

Keywords: ontology evolution

20 [Answering what-if deployment and configuration questions with wise](#)

 [Mukarram Tariq](#), [Amgad Zeitoun](#), [Vytautas Valancius](#), [Nick Fearnster](#), [Mostafa Ammar](#)

August 2008 **SIGCOMM '08**: Proceedings of the ACM SIGCOMM 2008 conference on Data communication

Publisher: ACM

Full text available:  [Pdf](#) (996.49 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index ter](#)

Bibliometrics: Downloads (6 Weeks): 34, Downloads (12 Months): 195, Citation Count: 0

Designers of content distribution networks often need to determine how changes to infrastructure deployment and configuration affect service response times when the deploy a new data center, change ISP peering, or change the mapping of clients to servers. ...

Keywords: content distribution networks, performance modeling, what-if scenario evaluation

Also published in:

October 2008 **SIGCOMM Computer Communication Review** Volume 38 Issue 4

Result page: [1](#) [2](#) [3](#) [4](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)